



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#17/Pre Amended
C
8/22/02
✓8

Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge.
Assignee: LumiLeds Lighting U.S., LLC
Title: Multi-Layer Highly Reflective Ohmic Contacts for Semiconductor Devices
Serial No.: 09/469,652 Filing Date: December 22, 1999
Examiner: Chu, C. Group Art Unit: 2815
Docket No.: M-9197 US

San Jose, California
August 9, 2002

BOX RCE
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

RECEIVED
AUG 20 2002
TECHNOLOGY CENTER 800

PRELIMINARY AMENDMENT

Dear Sir:

This amendment accompanies a Request for Continued Examination and a Petition for Extension of Time. Applicants request entry of this amendment before continuing with the Examination. This is a response to the Final Office Action of April 9, 2002.

IN THE CLAIMS

The following is a clean version of the entire set of pending claims. The present submission amends Claims 1 and 11, to read as indicated below. In accordance with 37 CFR §1.121(c)(1)(ii), marked up versions of the amended claims containing the newly introduced changes are included in Appendix A attached.

SUB
D2

1. (Three times amended) A light-emitting device comprising:
a semiconductor heterostructure including at least one p-type layer and one n-type layer;
a p contact and an n contact, the p contact electrically connected to the p-type layer, the n contact electrically connected to the n-type layer, wherein at least one of the p and n contacts is a multi-layer contact external to the semiconductor heterostructure and including a

08-12-02

RCE/2800
BSan Jose
California 95110T: 408-453-9200
F: 408-453-7979

San Francisco, CA

Docket No.: M-9197 US

August 9, 2002

Box RCE
Commissioner For Patents
Washington, D.C. 20231

Re: Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge
 Assignee: LumiLeds Lighting U.S., LLC
 Title: Multi-Layer Highly Reflective Ohmic Contacts For Semiconductor Devices
 Serial No.: 09/469,652
 Examiner: C. Chu
 Docket No.: M-9197 US

Filed: December 22, 1999
 Group Art Unit: 2815

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (in duplicate);
- (3) Transmittal Letter (1 p.);
- (4) Preliminary Amendment (6 pp.);
- (5) Request for Continued Examination (RCE) (1 p.); and
- (6) Petition for Extension of Time (1 p.).



No additional fee is required.



The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Claims Remaining <u>After Amendment</u>		Highest No. Previously Paid For		Present <u>Extra</u>		Rate		Additional Fee
Total Claims	16	Minus	20	=	0	x	\$18.00	\$	0.00
Independent Claims	2	Minus	3	=	0	x	\$84.00	\$	0.00
<input type="checkbox"/>	Fee of _____ for the first filing of one or more multiple dependent claims per application								\$
<input checked="" type="checkbox"/>	Fee for Request for Extension of Time (one month)								\$ 110.00
<input checked="" type="checkbox"/>	Fee for Request for Continued Examination (RCE)								740.00
Total additional fee for this Amendment:								\$	<u>850.00</u>
<input checked="" type="checkbox"/>	Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.								
<input checked="" type="checkbox"/>	Please charge our Deposit Account No. 19-2386 in the amount of								\$ <u>850.00</u>
<input checked="" type="checkbox"/>	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.								
Total:								\$	<u>850.00</u>

EXPRESS MAIL LABEL NO.:

EL 937 077 767 US

Respectfully submitted,

*Norman R. Klivans*Norman R. Klivans
Attorney for Applicants
Reg. No. 33,003RECEIVED
AUG 20 2002
TECHNOLOGY CENTER 2800